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[71]申请人 张继红

地址 250002山东省济南市七里山路21号济南市公安局刑警大队

[72]发明人 张继红

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[54]发明名称 白果白芨系列保健护肤用品及其制备方法

[57]摘要

本发明公开了白果、白芨系列保健护肤用品,及其制备方法,属于化妆品领域。由于白果中含有丰富的氨基酸、维生素、及微量元素,还含有适量的赤霉素、少量的甾甙和微量的细胞激动素;因而可营养肌肤,消斑去皱、消毒杀菌、杀灭寄生虫。另外白芨具有起泡、增白、润肤的作用,能增加白果的功效。用白果、白芨为主要原料配以其他辅料,经特殊工艺加工而成的系列保健护肤用品既能养颜美容,又可防病治病,是一种适应现代生活需要的高级保健护肤用品。

# 权 利 要 求 书

1. 白果白芨系列保健护肤用品,属化妆品领域,其特征在于该系列护肤用品的重量组成配比是:

1. 白果、白芨润肤露和白果、白芨抗皱增白霜:

组分	份数	组分	份数
A. 硬脂酸	3~5	B. 尿素	3~5
单硬脂酸甘油酯	3~5	平平加	0.5~1.2
白凡士林	0.5~1.2	甘油	5~8
尼泊金甲酯	0.9~0.12	4%白果水提液	15~30
4%白芨水提液	15~30		
C. 白云母粉或高岭土(C 仅在增白霜中使用)	0.5~1.2		

II. 白果、白芨健身沐浴液和白果、白芨洗面奶

组分	份数	组分	份数
十二烷基(苯)磺酸钠	8~12	白果白芨润肤露	5~7
羧甲基纤维素钠	0.5~1.2	(沐浴液用)	
4%白果水提液	20~40		15~21
4%白芨水提液	20~40	(洗面奶用)	
蒸馏水	20~25		

III. 白果、白芨防裂霜

组分	份数	组分	份数
A. 单硬脂酸甘油酯	3~5	B. 尿素	4~8
蜂蜡	0.5~1.2	水杨酸	3~5
白凡士林	1~3	甘油	4~8
液状石蜡	10~14	乳化剂 OP	0.4~0.8
司盘-60	0.3~0.5	4%白果水提液	30~40

尼泊金乙酯

0.08~0.12    4%白芨水提液    30~40

2. 根据权利要求1所述的白果、白芨系列保健护肤用品,其特征在  
于,该系列护肤用品重量组成的最佳配比是:

I. 白果、白芨润肤露和白果、白芨抗皱增白霜

组分	份数	组分	份数
A. 硬脂酸	4	B. 尿素	4
单硬脂酸甘油酯	4	平平加	1
白凡士林	1	甘油	6
尼泊金甲酯	0.1	4%白果水提液	20
4%白芨水提液	20		
C. 白云母粉或高岭土	1		
(C 仅在增白霜中用)			

II. 白果、白芨健身沐浴液和白果、白芨洗面奶

组分	份数	
十二烷基(苯)磺酸钠	10	
羧甲基纤维素钠	1	
4%白果水提液	30	
4%白芨水提液	30	
白果、白芨润肤露	6	(沐浴液用)
	18	(洗面奶用)
蒸馏水	23	

III. 白果、白芨防裂霜

组分	份数	组分	份数
A. 单硬脂酸甘油酯	4	B. 尿素	6
蜂蜡	1	水杨酸	4
白凡士林	2	甘油	6

液状石蜡	12	乳化剂 OP	0.6
司盘-60	0.4	4%白果水提液	35
尼泊金乙酯	0.1	4%白芨水提液	35.

3. 由权利要求 1 或 2 所述的白果、白芨系列保健护肤用品,其特征  
在于其中的白果、白芨抗皱增白霜组分 C 选用白云母粉。

4. 权利要求 1 中所述的白果、白芨系列保健护肤用品的制备方法,  
其特征在于:

I. 白果、白芨润肤露和白果、白芨抗皱增白霜的配制是:

先将 B 组分中甘油、1/3 白果水提液、1/3 白芨水提液混溶,加入  
平平加,然后加热至 70~80°C 至平平加溶解,再加入尿素拌匀;

将 A 组分中各药品混合均匀加热至 70~80°C;

将 A 组分边搅边缓缓加入 B 组分中,最后,将冷的剩余的 2/3 白  
果水提液和 2/3 白芨水提液加入,

搅拌均匀后即成白果、白芨润肤露,

若在上述制得的润肤露中再加入 C 组分中的白云母粉或高岭土,  
拌匀后,即得白果、白芨抗皱增白霜;

II. 白果、白芨健身沐浴液和白果、白芨洗面奶的配制:

将 4% 白果水提液与 4% 白芨水提液混合,加热至 60°C 后,加羧  
甲基纤维素钠,待其完全溶解后,加入 80°C 的十二烷基(苯)磺酸钠,  
拌匀后边搅拌边加入白果、白芨润肤露和蒸馏水,继续搅拌、冷却至 40  
°C 以下即成沐浴液(白果、白芨润肤露加得少)或洗面奶(白果、白芨  
润肤露加得多);

III. 白果、白芨防裂霜的配制:

先将 A 组分中单硬脂酸甘油酯、蜂蜡、白凡士林、液体石蜡混合缓  
缓加热至溶解后,加入司盘-60,尼泊金乙酯,此时,要保温 70~80°C  
并搅拌,将 B 组分中甘油与 1/5 的白果水提液和 1/5 的白芨水提液混  
合并加热至 70~80°C,拌匀后,加入 A 组分中,边加边向一个方向搅  
拌,速度保持在 80~90 周/分钟,最后,将剩余的 4/5 白果水提液和 4/  
5 的白芨水提液全部加入拌匀至完全乳化,待温度降至 40°C 以下时

即成防裂霜。

5. 根据权利要求 4 所述的白果、白芨系列保健护肤用品的制备方法其特征在于用于制备白果、白芨系列保健护肤用品的 4% 白果水提液和 4% 白芨水提液是按下述方法制备的：

将 20 份去皮白果仁和 20 份白芨分别各加入 500 份的蒸馏水中温火煎煮 4 小时，冷却后，分别用四层纱布过滤，即得 4% 的白果水提液和 4% 白芨水提液。

## 白果白芨系列保健护肤用品及其制备方法

本发明属于保健护肤化妆品领域。具体地说涉及了白果白芨系列护肤用品及其制备方法。

现有的护肤化妆品往往单一性地具有营养皮肤或药用保健作用。消费者使用时需要根据不同的目的分别使用,很不方便。因为若仅用营养型护肤品的话,虽能美容,但却不能有效地抑菌杀虫,无法保健皮肤,若选用药用型护肤品,则虽能保健皮肤,但又难以有效地起到养颜美容的作用。

本发明的目的是提供一种以白果、白芨水提液为主要成份配制而成的系列保健护肤用品,该系列产品既具有增白、去皱、消斑等营养皮肤的美容作用,又具有治疗和预防病原菌引起皮肤病的功用,同时还可有效地防治多种性病。

本发明的系列产品及其制备方法如下: I. 白果、白芨润肤露和白果、白芨抗皱增白霜 1. 配方(重量组成配比)

组      分	份      数
A. 硬脂酸	3~5
单硬脂酸甘油酯	3~5
白凡士林	0.5~1.2
尼泊金甲酯	0.9~0.12
B. 尿素	3~5
平平加	0.5~1.2
甘油	5~8
4%白果水提液	15~30
4%白芨水提液	15~30
C. 白云母粉或高岭土	0.5~1.2
(C 仅在增白霜中用)	

2. 制作方法:按取量范围称取 A、B 中各组分量,将 B 组分中甘油、

1/3 白果水提液和 1/3 白芨水提液混溶,加入平平加,然后加热 70~80  
 • C 至平平加溶解再加入尿素,将 A 组分中药品混合加热至 70~80 •  
 C。

在 A、B 两组分都为 70~80 • C 时,将 A 组分边搅拌边缓缓加入  
 B 组分中,最后将冷的剩余 2/3 的 4% 白果水提液和 2/3 白芨水提液加  
 入,搅拌均匀即成润肤露。

在润肤露中再加入 C 中白云母粉或高岭土拌匀后,即得抗皱增白  
 霜。

## II. 白果、白芨健身沐浴液和白果、白芨洗面奶

1. 配方(重量组成配比) 沐浴液与洗面奶基本配方一样,只是含  
 润肤露的量不同

组 分	份 数
十二烷基(苯)磺酸钠	8~12
羧甲基纤维素钠	0.5~1.2
4%白果水提液	20~40
4%白芨水提液	20~40
白果、白芨润肤露	5~7 (沐浴液)
	15~21 (洗面奶)
蒸馏水	20~25

## 2. 配制方法

将白果、白芨水提液混合加热至 60 • C 后,加羧甲基纤维素钠,待  
 其完全溶解后,加入 80 • C 的十二烷基苯磺酸钠,拌匀后边搅拌边加  
 入白果、白芨润肤露和蒸馏水,继续搅拌冷却至 40 • C 以下即成。

## III. 白果、白芨防裂霜

1. 配方(重量组成配比)

组 分	份 数
A. 单硬脂酸甘油酯	3~5
蜂蜡	0.5~1.2
白凡士林	1~3

液状石蜡	10~14
司盘—60	0.3~0.5
尼泊金乙酯	0.08~0.12
B. 尿素	4~8
水杨酸	3~5
甘油	4~8
乳化剂 OP	0.4~0.8
4%白果水提液	30~40
4%白芨水提液	30~40

2. 制作方法:先将 A 组分中单硬脂酸甘油酯、蜂蜡、白凡士林、液状石蜡混合,缓缓加热到溶解后,加入司盘—60,尼泊金乙酯,此时要保温 70~80·C 之间并搅拌,将 B 组分中甘油与 1/5 的白果水提液和 1/5 的白芨水提液混合并加热至 70~80·C 时,加入尿素、水杨酸和乳化剂 OP,此时保温 70~80·C,搅拌均匀后,加入 A 组分中,边加边向一个方向搅拌,速度保持在 80~90 周/分钟。最后将剩余 4/5 的白果水提液和白芨水提液全部加入,拌匀至完全乳化,待温度降至 40·C 以下时即成。

#### IV. 4%白果水提液和 4%白芨水提液的制备

##### 1. 4%白果水提液

取当年新鲜白果仁去内皮称重 20 份,研磨后,加入蒸馏水 500 份,温火煎煮 4 小时。冷却后,用 4 层纱布过滤,取滤液备用。

##### 2. 4%白芨水提液

取白芨 20 份加入蒸馏水 500 份温火煎煮 4 小时,冷却后用 4 层纱布过滤,取滤液备用。

本发明系列护肤用品中所用的白果在《本草纲目》中有所记载。白果水提液,经实验分析含有丰富的氨基酸、脂肪、碳水化合物、维生素 B 族,胡萝卜素及多种微量元素。另外还特别含有赤霉素及少量氰甙及细胞激动素(Cytokinin—Like)。这些物质,能够营养人体皮肤细胞,特别是细胞激动素(Cytokinin—Like)可增强人体细胞新陈代谢功能,增加细胞



通透性,提高肌体免疫力,使肌肉拉力增强,恢复皮肤弹性。另外实验证明,白果水提液还具有极强的抗菌作用,对各种葡萄球菌、链球菌、杆菌有不同程度的抑制作用,对真菌抑制作用更强,还可杀灭各种皮肤粘膜寄生虫如螨虫、疥虫、滴虫等。白芨水提液能够发泡、润肤、增白。用白果、白芨水提液与高效洗涤剂、皮肤营养剂及其它健肤中药配制成系列护肤用品,可以起到润肤、增白、去皱、营养皮肤防治各种细菌、真菌及皮肤寄生虫引起的皮肤病。如:疮、疔、痈、皮肤湿疹、疱疹、溢脂性皮炎、银屑病、酒鼻、螨虫感染、肛门湿疹、手足癣、外阴搔痒及多种性病等,还可治疗各种色素沉着,预防紫外线照射引起的黑斑。因而,本发明系列产品具有营养美容和防病治病双重功用是一类新型护肤用品。

下面结合实施例对本发明做进一步说明

#### 实施例 1

##### 1. 白果、白芨润肤露和白果、白芨抗皱增白霜

##### 1、配方(重量组成配比)

组 分	份 数	取量(g)
A. 硬脂酸	4	20
单硬脂酸甘油酯	4	20
白凡士林	1	5
尼泊金甲酯	0.1	0.5
B. 尿素	4	20
平平加	1	5
甘油	6	30
4%白果水提液	20	100
4%白芨水提液	20	100
C. 白云母粉(用于配制增白霜)	1	5

2. 配法: 将 B 中甘油 30g、4%白果水提液 25g、4%白芨水提液 25g。混溶,加入平平加 5g,然后加热 70~80°C 至平平加溶解,再加入

尿素 20g 拌匀,将 A 中硬脂酸 20g、单硬脂酸甘油酯 20g、白凡士林 5g、尼泊金甲酯 0.5g、混合并加热至 70~80 · C。

在 70~80 · C 时,将 A 中组分边搅拌边缓缓加入 B 组分中最后将剩余的冷的 75g4%白果水提液和 75g4%白芨水提液加入,搅拌均匀后即得 300.5g 润肤露。

在 300.5g 润肤露中再加入 C 组分中的白云母粉 5g(若无白云母粉,用 5g 高岭土替代也可以)拌匀后即得 305.5g 抗皱增白霜。

## II. 白果、白芨沐浴液和白果、白芨洗面奶

### 1、配方(重量组成配比)

组 分	份数	取量(g)
十二烷基(苯)磺酸钠	10	50
羧甲基纤维素钠	1	5
4%白果水提液	30	150
4%白芨水提液	30	150
白果、白芨润肤露	6 (沐浴液)	30
	18 (洗面奶)	90
蒸馏水	23	115

### 2、制法:

将 4%白果水提液 150g 与 4%白芨水提液 150g 混合,加热至 60 · C 后,加羧甲基纤维素钠 5g,待其完全溶解后,加入 80 · C 的十二烷基苯磺酸钠 50g,拌均后,边搅拌边加入白果、白芨润肤露 30g(制沐浴液)或 90g(制洗面奶),再加入蒸馏水 115g 继续搅拌冷却至 40 · C 以下,即得沐浴液 500g 或洗面奶 560g。

## III. 白果、白芨防裂霜

### 1. 配方(重量组成配比)

组 分	份 数	取量(g)
	(份)	
A. 单硬脂酸甘油酯	4	20
蜂蜡	1	5

白凡士林	2	10
液状石蜡	12	60
司盘—60	0.4	2
尼泊金乙酯	0.1	0.5
B. 尿素	6	30
水杨酸	4	20
甘油	6	30
乳化剂 OP	0.6	3
4%白果水提液	35	175
4%白芨水提液	35	175

2. 制法: 先将 A 组分中单硬脂酸甘油酯 20g、蜂蜡 5g、白凡士林 10g、液状石蜡 60g 全部混合, 缓缓加热至溶解后, 加入司盘—60、2g、尼泊金乙酯 0.5g, 此时保温 70~80°C, 并不断搅拌, 将 B 中甘油 30g 与 4%白果水提液 25g、4%白芨水提液 25g 混合, 并加热至 70~80°C 时, 加入尿素 30g、水杨酸 20g 和乳化剂 OP3g, 此时, 要保温 70~80°C, 并搅拌至匀。然后将 B 组分加入 A 组分中, 边加边向一个方向搅拌, 速度保持在 80~90 周/分钟, 最后将剩余的 150g 白果水提液及 150g 白芨水提液全部加入, 拌匀至完全乳化, 待温度降至 40°C 以下时即得 530.9g 防裂霜。

## 实施例 2

### I. 白果、白芨润肤露和白果、白芨抗皱增白霜

配制方法同实施例 1, 只是配方如下(重量组成配比)

组 分	份 数	取量(g)
A. 硬酯酸	3	15
单硬脂酸单油酯	3	15
白凡士林	0.5	2.5
尼泊金甲酯	0.09	0.45
B. 尿素	3	15
平平加	0.5	2.5

甘油	5	25
4%白果水提液	15	75
4%白芨水提液	15	75
C. 高岭土(加入 A、B 中 配增白霜用)0.5	2.5	

II. 白果、白芨沐浴液和白果、白芨洗面奶制法同实施例 1, 只是配方如下(重量组成配比)。

组 分	份 数	取量(g)
十二烷基(苯)磺酸钠	8	40
羧甲基纤维素钠	0.5	2.5
4%白果水提液	20	100
4%白芨水提液	20	100
白果、白芨润肤露	5	(沐浴液) 25
	15	(洗面奶) 75
蒸馏水	20	100

III. 白果、白芨防裂霜制法同实施例 1, 配方如下(重量组成配比)

组成	份 数	取量(g)
A. 单硬脂酸甘油酯	3	15
蜂蜡	0.5	2.5
白凡士林	1	5
液状石蜡	10	50
司盘—60	0.3	1.5
尼泊金乙酯	0.09	0.45
B. 尿素	4	20
水杨酸	3	15
甘油	4	20
乳化剂 OP	0.4	2
4%白果水提液	30	150

4%白芨水提液

30

150

实施例 3:白果、白芨系列产品制法同实施例 1、只是配方不同。

### I. 白果、白芨润肤露和白果、白芨抗皱增白霜

组 分	份 数	取量(g)
A. 硬脂酸	5	25
单硬脂酸甘油酯	5	25
白凡士林	1.2	6
尼泊金甲酯	0.12	0.6
B. 尿素	5	25
平平加	1.2	6
甘油	8	40
4%白果水提液	30	150
4%白芨水提液(以上 为润肤露配方)	30	150
C. 白云母粉(C加入 A、 B 中制增白霜)	1.2	6

### II. 白果、白芨沐浴液和白果、白芨洗面奶

组 分	份 数	取量(g)
十二烷基(苯)磺酸钠	12	60
羧甲基纤维素钠	1.2	6
4%白果水提液	40	200
4%白芨水提液	40	200
白果、白芨润肤露	7	(制沐浴液) 35
	21	(制洗面奶) 105
蒸馏水	25	125

### III. 白果、白芨防裂霜

组 分	份数	取量(g)
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A. 单硬脂酸甘油酯	5	25
蜂蜡	1.2	6
白凡士林	3	15
液状石蜡	14	70
司盘—60	0.5	2.5
尼泊金乙酯	0.12	0.6
B. 尿素	8	40
水杨酸	5	25
甘油	8	40
乳化剂 OP	0.8	4
4%白果水提液	40	200
4%白芨水提液	40	200

本发明系列产品,经检验无毒,无付作用,含铅量为零,PH6.5~7.5,冷热稳定性好,无油水分离现象。

## ABSTRACT

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10 The present invention pertains to the field of cosmetics and provides  
Semen ginkgo, *Anacamptis pyramidalis* Richard skin care series products and  
the preparation methods thereof. Since semen ginkgo contains abundant  
amino acids, vitamins and microelements, as well as a suitable amount of  
gibberellin, a small amount of cyanophoric glycoside and a trace amount of  
15 cytokinin-like, it may nourish skin, remove flecks and wrinkles, sterilize and  
kill parasites. Further, *Anacamptis pyramidalis* Richard has the effects of  
foaming, whitening and being emollient to skin, and may promote the effects  
of semen ginkgo. The series products prepared by a special process using  
Semen ginkgo, *Anacamptis pyramidalis* Richard as major raw materials and  
20 other ingredients may be used for both cosmetic and medical applications,  
and are advanced skin care products adapted for modern life.

## CLAIMS

1. Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products, which pertain to the field of cosmetics, characterized in that the compositions by weight of the skin care series products are:

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream:

Ingredients	Parts	Ingredients	Parts
A Stearic acid	3~5	B Urea	3~5
Glyceryl monostearate	3~5	Peregal	0.5~1.2
Petrolatum album	0.5~1.2	Glycerol	5~8
Methyl paraben	0.9-0.12	4% Semen ginkgo water extract	15~30
4% Anacamptis pyoamidalis Richard water extract	15~30		
C White mica powder or Kaolin (C is only used in whitening cream)	0.5~1.2		

10

II. Semen ginkgo, Anacamptis pyoamidalis Richard body wash and Semen ginkgo, Anacamptis pyoamidalis Richard facial cleanser:

Ingredients	Parts	Ingredients	Parts
Sodium dodecyl (benzene) sulfonate	8~12	Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	5~7 (for body wash)
Sodium carboxymethylcellulose	0.5~1.2		15~21 (for facial cleanser)
4% Semen ginkgo water extract	20~40		
4% Anacamptis pyoamidalis Richard water extract	20~40		
Distilled water	20~25		

15

III. Semen ginkgo, Anacamptis pyoamidalis Richard antichapping



cream:

Ingredients	Parts	Ingredients	Parts
A Glyceryl monostearate	3~5	B Urea	4~8
Beeswax	0.5~1.2	Salicylic acid	3~5
Petrolatum album	1~3	Glycerol	4~8
Fluid wax	10~14	Emulsifying agent OP	0.4~0.8
Span-60	0.3~0.5	4% Semen ginkgo water extract	30~40
Ethyl paraben	0.09~0.12	4% Anacamptis pyoamidalis Richard water extract	30~40

2. Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products according to claim 1, characterized in that the optimal compositions by weight of the skin care series products are:

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream:

Ingredients	Parts	Ingredients	Parts
A Stearic acid	4	B Urea	4
Glyceryl monostearate	4	Peregal	1
Petrolatum album	1	Glycerol	6
Methyl paraben	0.1	4% semen ginkgo water extract	20
4% Anacamptis pyoamidalis Richard water extract	20		
C White mica powder or Kaolin (C is used only in whitening cream)	1		

10

II. Semen ginkgo, Anacamptis pyoamidalis Richard healthy body wash and Semen ginkgo, Anacamptis pyoamidalis Richard facial cleanser:

Ingredients	Parts
Sodium dodecyl (benzene) sulfonate	10
Sodium carboxymethylcellulose	1
4% Semen ginkgo water extract	30
4% Anacamptis pyoamidalis Richard water extract	30
Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	6 (for body wash)
	18 (for facial cleanser)

**III. Semen ginkgo, Anacamptis pyoamidalis Richard antichapping cream:**

Ingredients	Parts	Ingredients	Parts
A Glyceryl monostearate	4	B Urea	6
Beeswax	1	Salicylic acid	4
Petrolatum album	2	Glycerol	6
Fluid wax	12	Emulsifying agent OP	0.6
Span-60	0.4	4% Semen ginkgo water extract	35
Ethyl paraben	0.1	4% Anacamptis pyoamidalis Richard water extract	35

3. Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products according to claim 1 or 2, characterized in that the ingredient group C of Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream is white mica powder.

4. A preparation process of Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products according to claim 1, characterized in that:

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream are prepared as follows:

glycerol, 1/3 of 4% semen ginkgo water extract and 1/3 of 4% Anacamptis pyoamidalis Richard water extract in ingredient group B are mixed; peregal is added; then the mixture is heated to 70~80°C until peregal is dissolved, and then urea is added and uniformly mixed;

ingredients in ingredient group A are mixed uniformly and heated to 70~80°C;

ingredients in ingredient group A are added slowly into ingredient group B under stirring; finally, the remaining 2/3 of cold semen ginkgo water extract and 2/3 of Anacamptis pyoamidalis Richard water extract are added;

after stirring uniformly, Semen ginkgo, Anacamptis pyoamidalis Richard

emollient lotion is obtained;

if white mica powder or kaolin in ingredient group C is further added to the emollient lotion prepared as described above, the Semen ginkgo, Anacamptis pyramidalis Richard anti-wrinkle whitening cream is obtained;

5 II. Semen ginkgo, Anacamptis pyramidalis Richard healthy body wash and Semen ginkgo, Anacamptis pyramidalis Richard facial cleanser are prepared as follows:

4% semen ginkgo water extract and 4% Anacamptis pyramidalis Richard water extract are mixed and heated to 60°C; then sodium  
10 carboxymethylcellulose is added and completely dissolved; then sodium dodecyl (benzene) sulfonate at 80°C is added and stirred uniformly; Semen ginkgo, Anacamptis pyramidalis Richard emollient lotion and distilled water are added under stirring; stirring is continued and the mixture is cooled to  
15 below 40°C, and then the body wash (less Semen ginkgo, Anacamptis pyramidalis Richard emollient lotion is added) or facial cleanser (more Semen ginkgo, Anacamptis pyramidalis Richard emollient lotion is added) is obtained;

III. Semen ginkgo, Anacamptis pyramidalis Richard antichapping cream is prepared as follows:

20 Glyceryl monostearate, beeswax, petrolatum album, fluid wax in ingredient group A are mixed and slowly heated to melt, and span-60 and ethyl paraben are added, and the mixture should be kept at a temperature of 70~80°C under stirring; glycerol, 1/5 of semen ginkgo water extract and 1/5 of Anacamptis pyramidalis Richard water extract in ingredient group B are  
25 mixed and heated to 70~80°C; after uniformly stirred, the mixture is added to ingredient group A while stirring in one direction with a speed of 80~90 cycles/min; finally, the remaining 4/5 of semen ginkgo water extract and 4/5 of Anacamptis pyramidalis Richard water extract are added in their entirety and are stirred uniformly until a complete emulsification is reached; the

Semen ginkgo, Anacamptis pyoamidalis Richard antichapping cream is obtained when the temperature is lowered to below 40°C.

5. A preparation method of Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products according to claim 4, characterized in that the 4% semen ginkgo water extract and 4% Anacamptis pyoamidalis Richard water extract for preparing Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products are prepared by the following procedure:

500 parts of distilled water are added to each of 20 parts of aril-removed semen ginkgo and 20 parts of Anacamptis pyoamidalis Richard respectively and are boiled for 4 hours with a moderate fire; after cooling, the solutions are filtered using 4 layers of gauze respectively, and thus 4% semen ginkgo water extract and 4% Anacamptis pyoamidalis Richard water extract are obtained.

## DESCRIPTION

### **Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products and preparation method thereof**

5

The present invention relates to skin care cosmetic field, more particularly, relates to Semen ginkgo, Anacamptis pyoamidalis Richard skin care series products and preparation method thereof.

10 Skin care products in prior art are generally for nourishing skin or health protection only. It is very inconvenient for customers to choose different products for different purposes, because when using nutrition type products, they may be applied only for cosmetic purposes but not for anti-bacterial and skin health purposes; while when using health care type products, they may be applied only for anti-bacterial and skin health purposes but not for  
15 cosmetic purposes.

The purpose of the present invention is to provide skin care series products prepared from a water extract of Semen ginkgo and Anacamptis pyoamidalis Richard as major components, which have not only cosmetic effects of nourishing skin such as whitening, wrinkles and flecks removal, but  
20 also functions for treating and preventing dermatosis caused by pathogenic bacteria. The products can further prevent and treat effectively various venereal diseases.

The series products and preparation methods thereof according to the present invention are described below:

25

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream.

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**1. Formulation (composition by weight):**

	<b>Ingredients</b>	<b>Parts</b>
<b>A</b>	<b>Stearic acid</b>	<b>3~5</b>
	Glyceryl monostearate	3~5
	Petrolatum album	0.5~1.2
	Methyl paraben	0.9-0.12
<b>B</b>	<b>Urea</b>	<b>3~5</b>
	Peregal	0.5~1.2
	Glycerol	5~8
	4% Semen ginkgo water extract	15~30
	4% Anacamptis pyramidalis Richard water extract	15~30
<b>C</b>	White mica powder or kaolin	0.5~1.2
	(C is used only in whitening cream)	

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2. Preparation method: each ingredients in ingredient groups A, B are weighed in above range. Glycerol, 1/3 of 4% semen ginkgo water extract and 1/3 of 4% Anacamptis pyramidalis Richard water extract in ingredient group B are mixed, peregal is added, then the mixture is heated to about 70~80°C until peregal is dissolved, and then urea is added; ingredients in ingredient group A are mixed and heated to about 70~80°C.

When both ingredient groups A, B are at 70~80°C, ingredient group A is added slowly to ingredient group B under stirring; finally, the remaining 2/3 of cold 4% semen ginkgo water extract and 2/3 of cold 4% Anacamptis pyramidalis Richard water extract are added. After stirring uniformly, Semen ginkgo, Anacamptis pyramidalis Richard emollient lotion is obtained.

White mica powder or kaolin in ingredient group C is further added to the emollient lotion prepared as described above and is stirred uniformly so as to obtain a Semen ginkgo, Anacamptis pyramidalis Richard anti-wrinkle whitening cream.

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## II. Semen ginkgo, Anacamptis pyoamidalis Richard healthy body wash and Semen ginkgo, Anacamptis pyoamidalis Richard facial cleanser

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### 1. Formulation (composition by weight)

5     The body wash and facial cleanser have a similar basic formulation and only differ in the amounts of the emollient lotion contained therein.

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Ingredients	Parts
Sodium dodecyl (benzene) sulfonate	8~12
Sodium carboxymethylcellulose	0.5~1.2
4% Semen ginkgo water extract	20~40
4% Anacamptis pyoamidalis Richard water extract	20~40
Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	5~7 (for body wash) 15~21 (for facial cleanser)
Distilled water	20~25

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### 2. Preparation method

10     Semen ginkgo water extract and Anacamptis pyoamidalis Richard water extract are mixed and heated to 60°C, then sodium carboxymethylcellulose is added and completely dissolved. Then sodium dodecyl (benzene) sulfonate at 80°C is added and stirred uniformly, and Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and distilled water are added under  
15 stirring. Stirring is continued and the mixture is cooled to below 40°C, and then the body wash or facial cleanser is obtained.

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## III. Semen ginkgo, Anacamptis pyoamidalis Richard antichapping cream

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## I. Formulation (composition by weight)

	Ingredients	Parts
A	Glyceryl monostearate	3~5
	Beeswax	0.5~1.2
	Petrolatum album	1~3
	Fluid wax	10~14
	Span-60	0.3~0.5
	Ethyl paraben	0.09~0.12
B	Urea	4~8
	Salicylic acid	3~5
	Glycerol	4~8
	Emulsifying agent OP	0.4~0.8
	4% Semen ginkgo water extract	30~40
	4% Anacamptis pyoamidalis Richard water extract	30~40

## 2. Preparation method:

Glyceryl monostearate, beeswax, petrolatum album, fluid wax in  
5 ingredient group A are mixed and slowly heated to melt, and then span-60  
and ethyl paraben are added. The mixture should be kept at a temperature of  
70~80°C under stirring. Glycerol, 1/5 of semen ginkgo water extract and 1/5  
of Anacamptis pyoamidalis Richard water extract in ingredient group B are  
mixed and heated to 70~80°C; then, urea, salicylic acid and emulsifying agent  
10 OP are added, and the temperature is kept at 70~80°C. After being uniformly  
stirred, the mixture is added to ingredient group A while stirring in one  
direction with a speed of 80~90 cycles/min. Finally, the remaining 4/5 of  
semen ginkgo water extract and 4/5 of Anacamptis pyoamidalis Richard  
water extract are added in their entirety and are stirred uniformly until a  
15 complete emulsification is reached. A Semen ginkgo, Anacamptis  
pyoamidalis Richard antichapping cream is obtained when the temperature is



lowered to below 40°C.

#### IV. Preparation of 4% semen ginkgo water extract and 4% Anacamptis pyramidalis Richard water extract

5

##### 1. 4% semen ginkgo water extract

20 parts of fresh aril-removed semen ginkgo, which are produced in the current year, are weighed and ground; then 500 parts of distilled water are added and boiled for 4 hours with a moderate fire. After cooling, the solution  
10 is filtered using 4 layers of gauze and the filtrate is collected for future use.

##### 2. 4% Anacamptis pyramidalis Richard water extract

500 parts of distilled water are added to 20 parts of Anacamptis pyramidalis Richard, and are boiled for 4 hours with a moderate fire. After  
15 cooling, the solution is filtered using 4 layers of gauze and the filtrate is collected for future use.

Semen ginkgo used in the series products of the present invention was described in *Compendium of Material Medica*. Analysis proves that semen  
20 ginkgo water extract contains abundant amino acids, fats, carbohydrates, B family vitamins, carotene and various microelements. In particular, it further contains gibberellin and a small amount of cyanophoric glycoside and cytokinin-like. These materials may nourish human dermal cells, and cytokinin-like, in particular, may promote metabolism in human cells,  
25 increase cellular permeability, improve body immunity, enhance muscular tension, and restore dermal elasticity. Further, experiments prove that Semen ginkgo water extract also has very strong antibacterial effects, which may suppress various staphylococci, streptococci and bacilli in different degrees, and may suppress fungi more effectively. It can further kill a variety of dermal

mucosal parasites such as mite, sarcoptic mite, trichomonad and the like. Anacamptis pyoamidalis Richard water extract has the effects of foaming, being emollient to skin, and whitening. The series products prepared by Semen ginkgo water extract, Anacamptis pyoamidalis Richard water extract, highly efficient detergent, skin nutritions and other Chinese traditional medicines for skin care have the effects of being emollient to skin, whitening, wrinkle removal, nourishing skin, preventing and treating dermatosis caused by a variety of bacteria, fungi and dermal parasites, such as sore, furuncle, carbuncle, dermal eczema, herpes, dermatitis seborrheica, psoriasis, brandy nose, mite infection, eczema ani, tinea manuum, episio-itching and several venereal diseases and the like. The products can further treat chromatosis and prevent taches noir caused by UV irradiation. Thus, the series products of the present invention are novel skin care products with both cosmetic effects and disease prevention and treatment effects.

The present invention will be described in detail with reference to the following examples.

### **Example 1**

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream.

#### **1. Formulation (composition by weight):**

	<b>Ingredients</b>	<b>Parts</b>	<b>Amounts (g)</b>
<b>A</b>	Stearic acid	4	20
	Glyceryl monostearate	4	20
	Petrolatum album	1	5
	Methyl paraben	0.1	0.5
<b>B</b>	Urea	4	20

Peregal	1	5
Glycerol	6	30
4% Semen ginkgo water extract	20	100
4% Anacamptis pyramidalis Richard water extract	20	100
C White mica powder (for whitening cream)	1	5

2. Preparation method: 30g glycerol, 25g 4% semen ginkgo water extract and 25g 4% Anacamptis pyramidalis Richard water extract in ingredient group B are mixed; 5g peregal is added, and then the mixture is heated to 70~80°C until peregal is dissolved; then urea is added and is uniformly mixed. 20g stearic acid, 20g glyceryl monostearate, 5g petrolatum album, 0.5g methyl paraben in ingredient group A are mixed and heated to 70~80°C.

At 70~80°C, the ingredients in ingredient group A is added slowly into ingredient group B under stirring; finally, the remaining 75g cold 4% semen ginkgo water extract and 75g cold 4% Anacamptis pyramidalis Richard water extract are added. After stirring uniformly, 300.5g emollient lotion is obtained.

5g white mica powder in ingredient group C is further added to the 300.5g emollient lotion (5g kaolin may be used alternatively if no white mica powder is available) and is stirred uniformly, and then 305.5g anti-wrinkle whitening cream is obtained.

## II. Semen ginkgo, Anacamptis pyramidalis Richard body wash and Semen ginkgo, Anacamptis pyramidalis Richard facial cleanser

### 1. Formulation (composition by weight)

Ingredients	Parts	Amount(g)
Sodium dodecyl (benzene) sulfonate	10	50

Sodium carboxymethylcellulose	1	5
4% Semen ginkgo water extract	30	150
4% Anacamptis pyoamidalis Richard water extract	30	150
Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	6 (for body wash)	30
	18 (for facial cleanser)	90
Distilled water	23	115

## 2. Preparation method

150g 4% semen ginkgo water extract and 150g 4% Anacamptis pyoamidalis Richard water extract are mixed and heated to 60°C; then 5g sodium carboxymethylcellulose is added and completely dissolved; then 50g sodium dodecyl benzene sulfonate at 80°C is added and stirred uniformly; 30g (for preparing body wash) or 90g (for preparing facial cleanser) Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion are added under stirring; then, 115g distilled water is further added. Stirring is continued and the mixture is cooled to below 40°C, and then 500g body wash or 560g facial cleanser is obtained.

## III. Semen ginkgo, Anacamptis pyoamidalis Richard antichapping cream

### 1. Formulation (composition by weight)

Ingredients	Parts	Amount(g)
A Glyceryl monostearate	4	20
Beeswax	1	5
Petrolatum album	2	10
Fluid wax	12	60
Span-60	0.4	2
Ethyl paraben	0.1	0.5

B	Urea	6	30
	Salicylic acid	4	20
	Glycerol	6	30
	Emulsifying agent OP	0.6	3
	4% Semen ginkgo water extract	35	175
	4% Anacamptis pyoamidalis Richard water extract	35	175

## 2. Preparation method

20g Glyceryl monostearate, 5g beeswax, 10g petrolatum album, 60g fluid wax in ingredient group A are mixed and slowly heated to melt, and 2g span-60 and 0.5g ethyl paraben are added. The mixture is kept at a temperature of 70~80°C under continued stirring. 30g glycerol, 25g 4% semen ginkgo water extract and 25g 4% Anacamptis pyoamidalis Richard water extract in ingredient group B are mixed and heated to 70~80°C; 30g urea, 20g salicylic acid and 3g emulsifying agent OP are added and kept at 70~80°C, and are uniformly stirred. The ingredients in ingredient group B are added to ingredient group A while stirring in one direction with a speed of 80~90 cycles/min. Finally, 150g semen ginkgo water extract and 150g Anacamptis pyoamidalis Richard water extract remained are added in their entirety and are stirred uniformly until a complete emulsification is reached. 530.9g antichapping cream is obtained when the temperature is lowered to below 40°C.

## Example 2

I. Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyoamidalis Richard anti-wrinkle whitening cream.

The preparation method is the same as example 1 except that the formulation is as follows (composition by weight):

	Ingredients	Parts	Amount (g)
A	Stearic acid	3	15
	Glyceryl monostearate	3	15
	Petrolatum album	0.5	2.5
	Methyl paraben	0.09	0.45
B	Urea	3	15
	Peregal	0.5	2.5
	Glycerol	5	25
	4% Semen ginkgo water extract	15	75
	4% Anacamptis pyoamidalis Richard water extract	15	75
C	Kaolin (added to A, B for preparing whitening cream)	0.5	2.5

## II. The preparation method of Semen ginkgo, Anacamptis pyoamidalis

Richard body wash and Semen ginkgo, Anacamptis pyoamidalis Richard facial cleanser are the same as described in example 1 except that the

5 formulation is as follows (composition by weight):

Ingredients	Parts	Amount(g)
Sodium dodecyl (benzene) sulfonate	8	40
Sodium carboxymethylcellulose	0.5	2.5
4% Semen ginkgo water extract	20	100
4% Anacamptis pyoamidalis Richard water extract	20	100
Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	5 (for body wash)	25
	15 (for facial cleanser)	75
Distilled water	20	100

III. The preparation method of Semen ginkgo, Anacamptis pyramidalis Richard antichapping cream is the same as described in example 1 except that the formulation is as follows (composition by weight):

	Ingredients	Parts	Amount(g)
A	Glyceryl monostearate	3	15
	Beeswax	0.5	2.5
	Petrolatum album	1	5
	Fluid wax	10	50
	Span-60	0.3	1.5
	Ethyl paraben	0.09	0.45
B	Urea	4	20
	Salicylic acid	3	15
	Glycerol	4	20
	Emulsifying agent OP	0.4	2
	4% Semen ginkgo water extract	30	150
	4% Anacamptis pyramidalis Richard water extract	30	150

5

### **Example 3**

The preparation methods of Semen ginkgo, Anacamptis pyramidalis Richard skin care series products are the same as described in example 1 except that the formulations are different.

10 I. Semen ginkgo, Anacamptis pyramidalis Richard emollient lotion and Semen ginkgo, Anacamptis pyramidalis Richard anti-wrinkle whitening cream

	Ingredients	Parts	Amount (g)
A	Stearic acid	5	25
	Glyceryl monostearate	5	25
	Petrolatum album	1.2	6

	Methyl paraben	0.12	0.6
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B	Urea	5	25
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	Peregal	1.2	6
--	---------	-----	---

	Glycerol	8	40
--	----------	---	----

	4% Semen ginkgo water extract	30	150
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	4% Anacamptis pyoamidalis Richard water extract	30	150
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(The formulation above is for preparing emollient lotion)

C	White mica powder		
	(C is added to A, B for preparing whitening cream)	1.2	6

## II. Semen ginkgo, Anacamptis pyoamidalis Richard body wash and Semen ginkgo, Anacamptis pyoamidalis Richard facial cleanser

Ingredient	Parts	Amount(g)
Sodium dodecyl (benzene) sulfonate	12	60
Sodium carboxymethylcellulose	1.2	6
4% Semen ginkgo water extract	40	200
4% Anacamptis pyoamidalis Richard water extract	40	200
Semen ginkgo, Anacamptis pyoamidalis Richard emollient lotion	7 (for body wash)	35
	21 (for facial cleanser)	105
Distilled water	25	125

## 5 III. Semen ginkgo, Anacamptis pyoamidalis Richard antichapping cream

	Ingredient	Parts	Amount(g)
A	Glyceryl monostearate	5	25



	Beeswax	1.2	6
	Petrolatum album	3	15
	Fluid wax	14	70
	Span-60	0.5	2.5
	Ethyl paraben	0.12	0.6
B	Urea	8	40
	Salicylic acid	5	25
	Glycerol	8	40
	Emulsifying agent OP	0.8	4
	4% Semen ginkgo water extract	40	200
	4% Anacamptis pyramidalis Richard water extract	40	200

The series products of the present invention are verified by tests to be nontoxic, to have no side effects, no lead, to have a pH of 6.5~7.5, to be thermally stable and cold stable, and have no oil/water separation.